

Technical Data

Valves – V – Check Valves

Check Valves V-CVD*, CVZG*, CVVG*, CVZM*, CVVM*, CVG*

Opening and cracking pressures

Opening Pressure: Pressure, in direction of flow, at which the first media flow can be detected (steady stream of bubbles).

Back pressure: Positive differential pressure between inlet and outlet side, applied to the outlet.

Attention: For valves not activated for a period of time, the opening pressure can be higher at first.

Overview

Nominal Opening Pressure	Opening Pressure Range Tolerance +-20%		Minimum back Pressure
	Min.	Max.	
bar	bar	bar	bar
0,2	0,16	0,24	1,0 *
0,5	0,4	0,6	1,0 *
1	0,8	1,2	1,0 *
2	1,6	2,4	1,0 *
3	2,4	3,6	1,0 *
5	4,0	6,0	1,0 *

*Minimum pressure against flow direction at which a bubble-free seal is guaranteed.